

Technical Data

Properties of Gases

Substance	Specific Heat	lbs/cuft
Acetylene	0.35	0.0682
Air	0.237	0.08
Alcohol	0.453	0
Ammonia	0.536	0.048
Argon	0.124	0.1033
Butane	0.395	0.1554
Carbon Dioxide	0.217	0.1146
Carbon Monoxide	0.248	0.0725
Chlorine	0.125	0.1862
Ethane	0.3861	0.084
Ethyl Chloride	0.275	0.179
Ethylene	0.4	0.0733
Fluorine	0.182	0.1059
Helium	1.25	0.0103
Hydrochloric Acid	0.189	0.095
Hydrogen	3.41	0.0056
Hydrogen Bromide	0.082	0.2275
Hydrogen Chloride	0.194	0.1023
Hydrogen Fluoride	0.343	0.0535
Hydrogen Iodide	0.06	0.355
Hydrogen Sulfide	0.2451	0.096
Methane	0.6	0.0446
Methyl Chloride	0.24	0.142
Natural Gas	0.56	0.0502
Nitric Oxide	0.231	0.0777
Nitrogen	0.249	0.073
Nitrous Oxide	0.2126	0.123
Oxygen	0.219	0.083
Propane	0.393	0.1175
Propylene	0.358	0.1091
Sulphur Dioxide	0.155	0.172
Unknown	0.01	0.01
Water Vapor	0.482	0.037